

ABSTRACT

SYSTEM FOR TREATING WOUNDS AND METHOD FOR PRODUCING THIS SYSTEM

The wound-treatment system is natural and is adapted to change state in a reversible manner by passing from the gel state to the solution state and vice-versa, and has polysaccharide macromolecules (10, 20, 30) and aliphatic chains (11-15, 21-24, 31-33) attached to a single polysaccharide macromolecule. The aliphatic chains (21-24) attached to a polysaccharide macromolecule (20) are, in the gel state, associated with aliphatic chains (11, 12/13, 31) attached to at least one other polysaccharide macromolecule (10, 30) by physical bonds.

Figure 1